



IFCJ

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re application of: Belov

Serial No.: 10/785,161 : Attorney Docket No. 029279-5001

Filed: February 23, 2004 :

For: Method For Assembling Sub-Pools  
Of Test Questions :

**INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §§ 1.56 ET SEQ.**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.97(b), the above-identified Applicants cite the following patents and publications, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. In compliance with 37 C.F.R. § 1.98(d), copies of the publications are set forth below and listed on the attached Form PTO 1449 (1 sheet) are provided.

**Certificate of Mailing (37 C.F.R. §1.8)**

I hereby certify that this paper, and the papers and/or fees referred to herein as transmitted, submitted or enclosed, are being deposited on the date shown below with the U.S. Postal Service with sufficient postage as first-class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: Alison B. Weisberg Signature:

Date of Deposit September 9, 2004

**Other Documents:**

Dmitry Belov and Ronald Armstrong, "A STOCHASTIC SEARCH FOR TEST ASSEMBLY, ITEM POOL ANALYSIS, AND DESIGN", published January, 2004, pp. 1-19.

Dmitry Belov and Alexander Weissman, "Combinatorial Analysis For Determining Item Pool Usability In Computerized Adaptive Testing", presented June, 2004, Monterey, California, (1 page).

Dmitry Belov and Alexander Weissman, "A Composite Upper Bound For Maximum Set Packing Problem", presented June, 2004, Nashville, Tennessee (1 page).

Ronald Armstrong and Dmitry Belov, "A Method For Determining Multiple Non-Overlapping Linear Test Forms", presented June, 2004, Monterey, California (1 page).

Ronald Armstrong and Dmitry Belov, "THE MAXIMUM NUMBER OF NON-OVERLAPPING LINEAR TESTS FROM AN ITEM POOL", published April, 2003, pp. 1-20.

Ronald Armstrong, Dmitry Belov and Alexander Weissman, "THE ASSEMBLY AND ADMINISTRATION OF THE LAW SCHOOL ADMISSION TEST", submitted August, 2003, not yet published, pp. 1-22.

Dmitry Belov and Ronald Armstrong, "A Monte Carlo Approach For Item Pool Analysis And Design", presented April, 2004, San Diego, California, pp. 1-25.

Dmitry Belov and Ronald Armstrong, "Monte Carlo Approach For Test Assembly And Item Pool Analysis", submitted, April 28, 2003, presented April, 2004, San Diego, California, pp. 1-27.

Dmitry Belov and Ronald Armstrong, "A Constraint Programming Approach To Extract The Maximum Number Of Non-Overlapping Test Forms", submitted to the Journal "Computational Optimization And Applications" (Kluwer Academic Publishers), January 13, 2004, pp. 1-19.

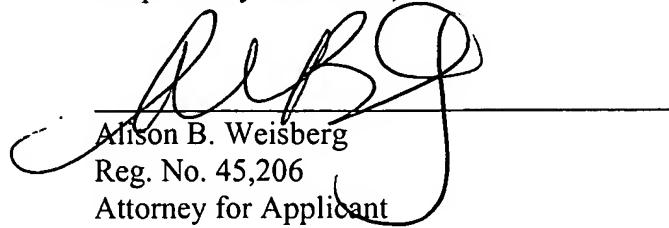
Applicants respectfully request that these items be considered by the Examiner, and that the Examiner acknowledge consideration of these references by initialing and returning copies of the enclosed Form PTO/SB/08A with the next official action.

While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or

other information referred to herein is "prior art" for this invention or otherwise material to the patentability of this invention as defined in 37 C.F.R. § 1.56.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(b) exists.

Respectfully submitted,



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Dated: September 9, 2004



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Substitute for form 1449/PTO

## Complete if Known

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				Application Number	10/785,161
				Filing Date	February 23, 2004
				First Named Inventor	Belov
				Art Unit	3713
				Examiner Name	Unknown
Sheet	1	of	1	Attorney Docket Number	29279-5001

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Dmitry Belov and Ronald Armstrong, "A Stochastic Search For Test Assembly, Item Pool Analysis, And Design", published January, 2004, pp. 1-19.	
		Dmitry Belov and Alexander Weissman, "Combinatorial Analysis For Determining Item Pool Usability In Computerized Adaptive Testing", presented June, 2004, Monterey CA, 1 pg.	
		Dmitry Belov and Alexander Weissman, "A Composite Upper bound For Maximum Set Packing Problem", presented June, 2004, Nashville, TN, 1 pg.	
		Ronald Armstrong and Dmitry Belov, "A Method For Determining Multiple Non-Overlapping Linear Test Forms", presented June, 2004, Monterey, CA, 1 pg.	
		Ronald Armstrong and Dmitry Belov, "The Maximum Number Of Non-Overlapping Linear Tests From An Item Pool", published April, 2003, pp. 1-20.	
		Ronald Armstrong, Dmitry Belov and Alexander Weissman, "The Assembly And Administration Of The Law School Admission Test", submitted August, 2003, not yet published, pp. 1-22.	
		Dmitry Belov and Ronald Armstrong, "A Monte Carlo Approach For Item Pool Analysis And Design", presented April, 2004, San Diego, CA, pp. 1-25.	
		Dmitry Belov and Ronald Armstrong, "Monte Carlo Approach For Test Assembly And Item Pool Analysis", submitted, April 28, 2003, presented April, 2004, San Diego, CA, pp. 1-27.	
		Dmitry Belov and Ronald Armstrong, "A Constraint Programming Approach To Extract The Maximum Number Of Non-Overlapping Test Forms", submitted January 13 2004, pp. 1-19.	

Examiner Signature	Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.